

U.S. Army Corps
of Engineers
Buffalo District
CELRB-TD-R

Public Notice

Applicant: Carlson, David Published: April 2, 2019
and Susan Expires: May 3, 2019

Application No: 2018-01439
Section: OH

All written comments should reference the above Application No. and be addressed to:
US Army Corps of Engineers, Buffalo District
Regulatory Branch (Attn:) Shawn U. Blohm
1776 Niagara Street
Buffalo, NY 14207

THE PURPOSE OF THIS PUBLIC NOTICE IS TO SOLICIT COMMENTS FROM THE PUBLIC REGARDING THE WORK DESCRIBED BELOW. NO DECISION HAS BEEN MADE AS TO WHETHER OR NOT A PERMIT WILL BE ISSUED AT THIS TIME.

Application for Permit under Authority of
Section 10 of the Rivers and Harbors Act of 1899 and
Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: Susan and David Carlson

WATERWAY & LOCATION: Lake Erie – 19500 Edgecliff Drive, Euclid, Cuyahoga County, Ohio (Sheets 1 and 2 of 6).

LATITUDE & LONGITUDE: Latitude North: 41.602014
Longitude West: -81.546887

EXISTING CONDITIONS: The project is located along the shoreline of Lake Erie. The shoreline at this location consists of a vertical concrete seawall (Sheet 3 and 4 of 6).

PROPOSED WORK: The applicant requests to discharge place material and perform work in a water of the U.S. for the purpose to perform bank stabilization along the Lake Erie shoreline. The applicant's preferred alternative is to construct 49.6 linear feet of armor stone revetment along the shoreline of Lake Erie with a maximum lakeward extent of 10 feet (Sheets 5 and 6 of 6) for a total fill area of 0.01 - acre below the ordinary high water mark of Lake Erie, 573.4 International Great Lake Datum, 1985 (IGLD). In order to construct the armor stone revetment,

82.5 cubic yards (CY) of armor stone will be placed below 573.4 GLD 1985). The armor stone revetment will be built with 3 to 5 ton armor stone and 6-8 ton entrenched toe stone. The toe stone will be entrenched at a minimum two feet below grade to provide scour protection. The existing misaligned blocks and stone on and in front of the slope will also be utilized as concrete rubble fill. An ODOT "B"- stone splash apron will be placed on top of the structure to prevent overtopping and provide greater attenuation of waves. A 30-foot long by 6-foot wide concrete platform will be placed on-top of the concrete seawall. The stone splash apron nor the concrete platform will add to the amount of fill to be placed below 573.4 IGLD 1985.

PROJECT PURPOSE:

Basic: Bank stabilization and long-term erosion control.

Overall: Shoreline erosion projection and lake access at 19500 Edgecliff Drive, Euclid, Cuyahoga County, Ohio.

AVOIDANCE AND MINIMIZATION INFORMATION:

To minimize impacts to WoUS, the armor stone used for the revetment will be placed at a 1.5:1 vertical slope and will have a crest elevation of approximately 585.0 feet. A one-time sand prefill of 2 – CY per linear foot of shoreline stabilized will be placed at an approved location in the nearshore area in less than three feet of water for a total of 99 CY of sand prefill.

The applicant has provided one alternative work plan in addition to the preferred alternative described above.

Alternative Plan 1: To construct 49.6 LF of armor stone revetment behind the existing concrete seawall. Since all of the construction activity would occur behind the existing seawall in upland, fill would not need to be placed into Lake Erie below 573.4, IGLD, 1985.

PROPOSED MITIGATION:

The applicant did not propose compensatory mitigation for this proposal.

Location and details of the above described work are shown on the attached maps and drawings.

Comments or questions pertaining to the work described in this notice should be reference the Application Number and be directed to the attention of Shawn Blohm, who can be contacted at the above address, by calling 330-923-8214, Extension 3, or by e-mail at: shawn.u.blohm@usace.army.mil . A lack of response will be interpreted as meaning that there is no objection to the work as proposed.

The applicant has certified that the proposed activity complies with Ohio's approved Coastal Zone Management Program and will be conducted in a manner consistent with that program. Any comments on the consistency of the proposed activity with Ohio's Coastal Zone

Management Program should be forwarded to:

Mr. John Kessler
Ohio Department of Natural Resources
Office of Real Estate
2045 Morse Rd.
Columbus, OH 43229-6605
phone: 614-265-6621
email: john.kessler@dnr.state.oh.us

The following authorization is required for this project:

Water Quality Certification (or waiver thereof) from the Ohio Environmental Protection Agency

Based on preliminary findings, there do not appear to be any properties listed in, or eligible for listing in, the National Register of Historic Places within the permit area as shown on Sheet 5 of 6. However, an historic structure, the Kenneth Bates House (Ohio Historic Inventory Number CUY0807222) is located within the immediate vicinity of the permit area. This notice constitutes initiation of consultation with the Ohio Historic Preservation Office (SHPO) per Section 106 of the National Historic Preservation Act. All currently available historic resource information pertaining to this proposed project if any has been provided to the SHPO. Additional information concerning historic properties should be submitted to the Corps before the end of the comment period of this notice. The Corps will forward that information to the SHPO for their review.

Pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the Corps of Engineers is consulting, under separate cover, with the USFWS to evaluate any potential impacts to: Indiana bat (*Myotis sodalis*), northern long-eared bat (*Myotis septentrionalis*), kirtland's warbler (*Setophaga kirtlandii*), piping plover (*Charadrius melodus*) and rufa red knot (*Calidris canutus rufa*) and to ensure that the proposed activity is not likely to jeopardize their continued existence or result in the destruction or adverse modification of critical habitat.

This notice is promulgated in accordance with Title 33, Code of Federal Regulations, parts 320-330. Any interested party desiring to comment on the work described herein may do so by submitting their comments, in writing, so that they are received no later than 4:30 pm on the expiration date of this notice.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments will be made a part of the administrative record which is available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any individual may request a public hearing by submitting their written request, stating the

specific reasons for holding a hearing, in the same manner and time period as other comments.

Public hearings for the purposes of the Corps permit program will be held when the District Commander determines he can obtain additional information, not available in written comments, that will aid him in the decision making process for this application. A Corps hearing is not a source of information for the general public, nor a forum for the resolution of issues or conflicting points of view (witnesses are not sworn and cross examination is prohibited). Hearings will not be held to obtain information on issues unrelated to the work requiring a permit, such as property ownership, neighbor disputes, or the behavior or actions of the public or applicant on upland property not regulated by the Department of the Army. Information obtained from a public hearing is given no greater weight than that obtained from written comments. Therefore, you should not fail to make timely written comments because a hearing might be held.

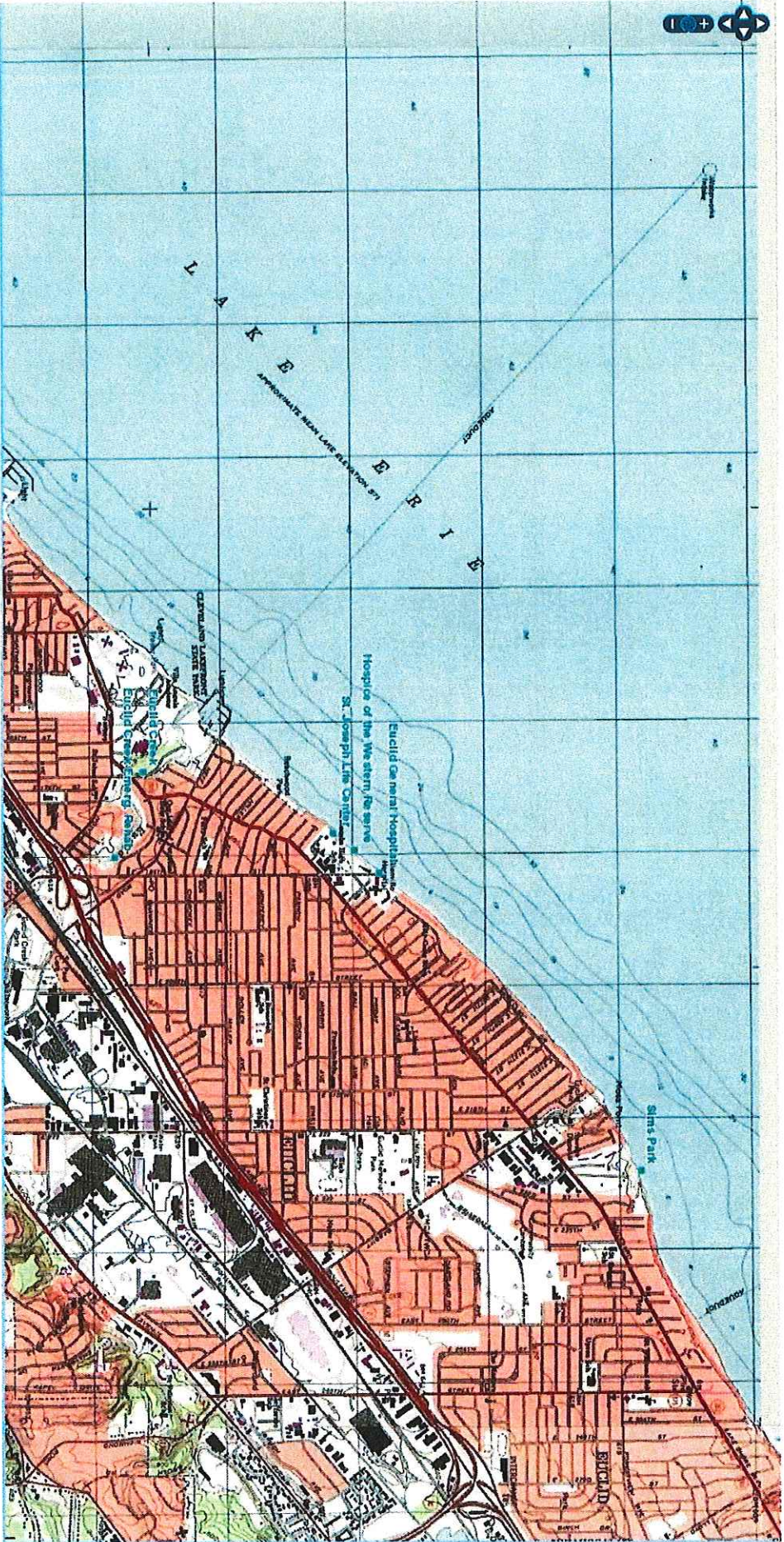
The decision to approve or deny this permit request will be based on an evaluation of the probable impact, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among these are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

SIGNED

Diane C. Kozlowski
Chief, Regulatory Branch

NOTICE TO POSTMASTER: It is requested that this notice be posted continuously and conspicuously for 30 days from the date of issuance.



SHEET LIST

EN-1 COVER SHEET
EN-2 EXISTING SURVEY
EN-3 EXISTING SECTION
EN-4 PROPOSED PLAN
EN-5 PROPOSED SECTIONS

Carlson, Susan and David
Sewall for Bank Stabilization
Public Notice
D/A Processing No: 2018-01439
Cuyahoga County, Ohio
Quad: OH- East Cleveland
Sheet 2 of 6



DWG. NO.:

EN-1

ISSUE:

APPL-1

DWG. TITLE:

COVER SHEET

LOCATION MAP

PROJECT:

DAVID & SUSAN CARLSON

18500 EDGECLIFF DR.

LOCATION:

EUCLID, OH 44119

SCALE:

NTS

DATE:

3-18-19

DRAWN BY:

R.A.S.

CHECKED BY:

J.A.S.

REVISIONS:

8-28-18 11-13-18 1-21-19

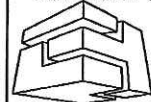
9-4-18 12-28-18

11-1-18 1-11-19

11-8-18 1-15-19

11-12-18 1-17-19

ENGINEERED TECHNICAL SOLUTIONS



Site Design

Erosion Control

Ecological - Utility

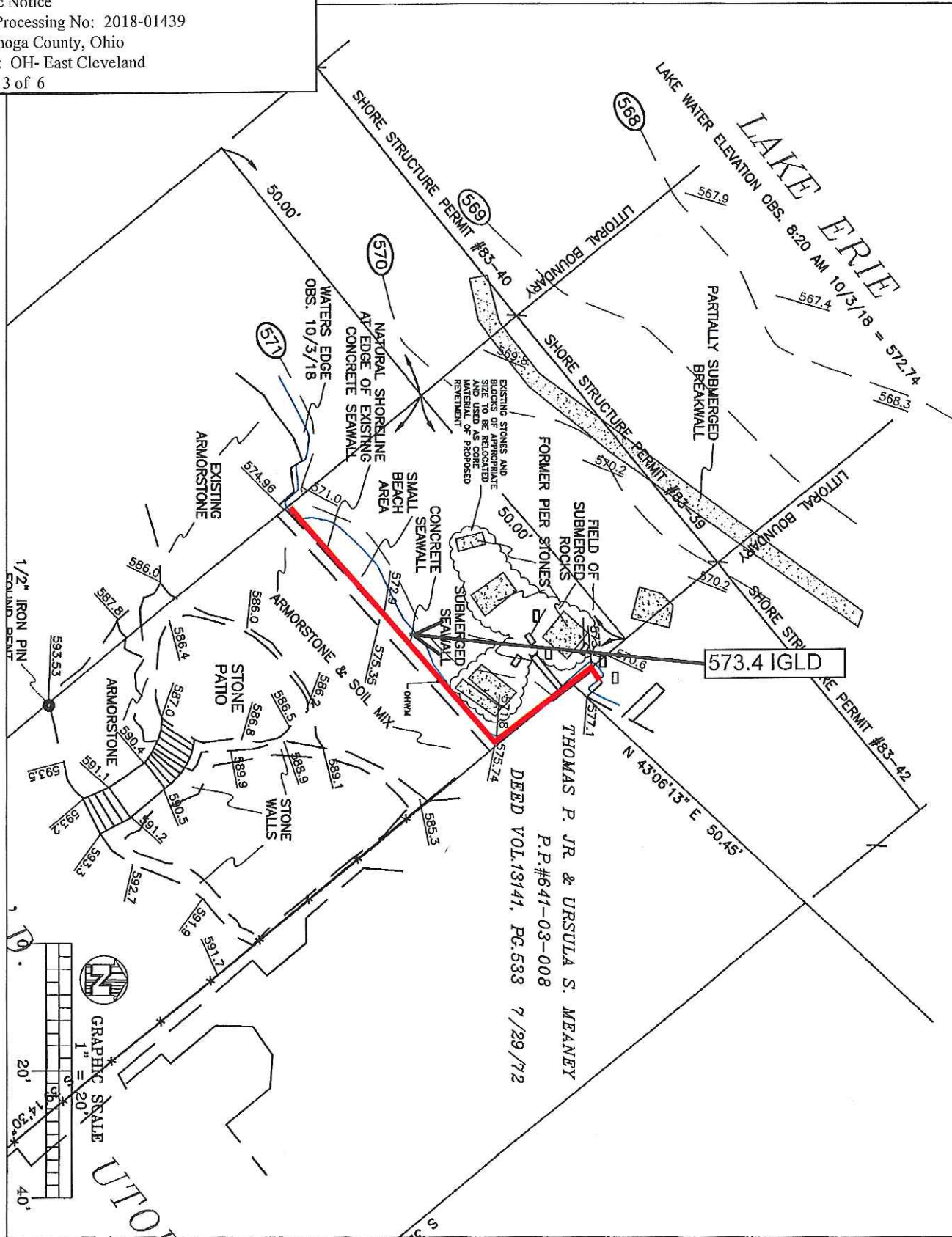
27330 Center Ridge Road
Westlake, Ohio 44145

Phone: (440) 899-8880

www.etsolutions.com

Carlson, Susan and David
Sewall for Bank Stabilization
Public Notice
D/A Processing No: 2018-01
Cuyahoga County, Ohio
Quad: OH- East Cleveland
Sheet 3 of 6

GENERAL NOTES:
1. ALL ELEVATIONS REFERENCE IGLD 1985



DWG. NO.:
EN-2

ISSUE:
APPL-1

DWG. TITLE:
EXISTING SURVEY

PROJECT:
DAVID & SUSAN CARLSON
19500 EDGECLIFF DR.

LOCATION
EUCLID, OH 44119

SCALE: 1"=20'
DATE: 3-18-19
DRAWN BY: R.A.S.
CHECKED BY: T.S.

REVISIONS:

8-28-18	11-13-18	1-21-19
9-4-18	12-28-18	
11-1-18	1-11-19	
11-6-18	1-15-19	
11-12-18	1-17-19	

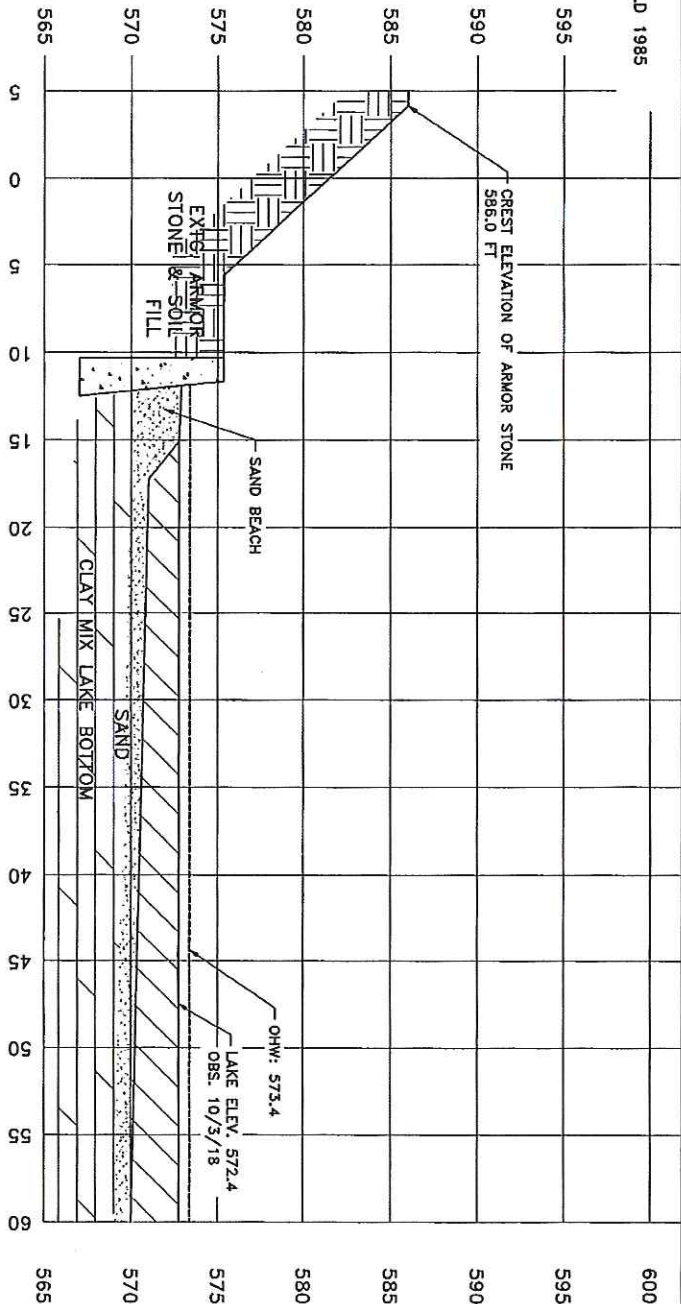


ENGINEERED TECHNICAL SOLUTIONS
 Site Design
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 Phone: (440) 899-8860
www.etsinc.com

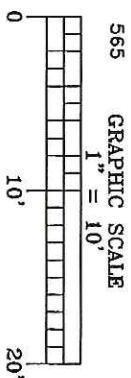
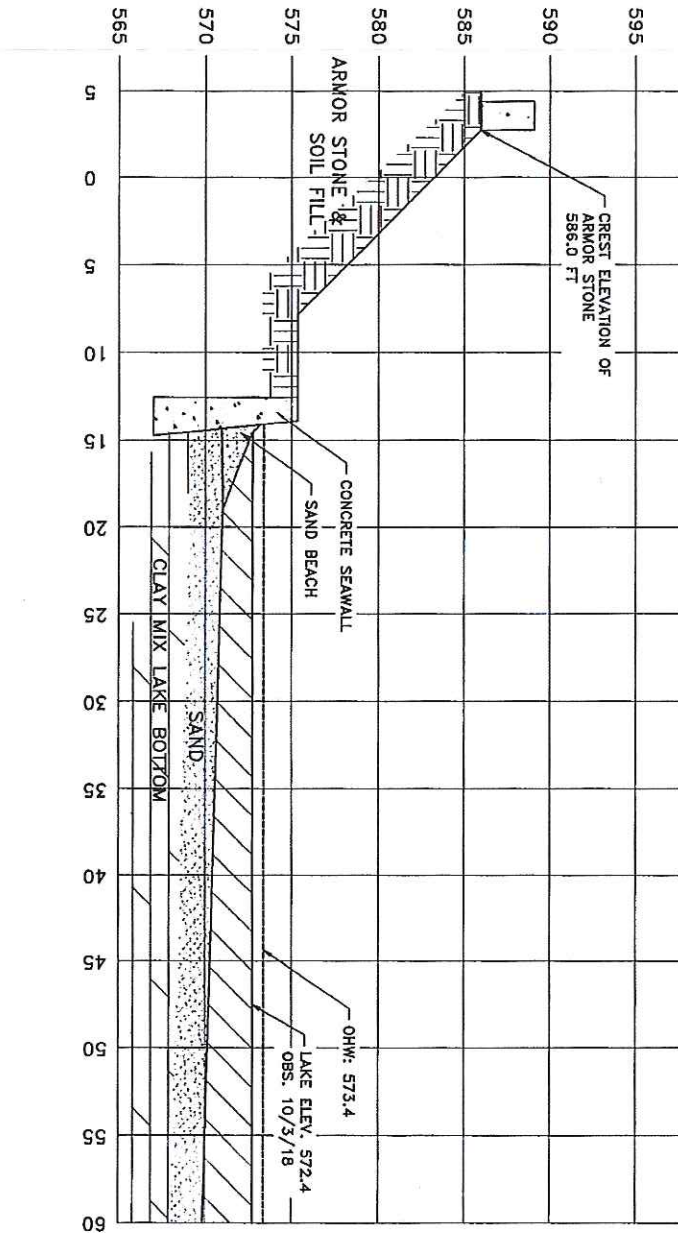
Carlson, Susan and David
Sewall for Bank Stabilization
Public Notice
D/A Processing No: 2018-01439
Cuyahoga County, Ohio
Quad: OH- East Cleveland
Sheet 4 of 6

GENERAL NOTES:
1. ALL ELEVATIONS REFERENCE IGLD 1985

SECTION A-A'
SCALE: 1"=10'



SECTION B-B'
SCALE: 1"=10'



DWG. NO.:
EN-3
ISSUE:
APPL-1

DWG. TITLE:
EXTG. SECTIONS

PROJECT:
DAVID & SUSAN CARLSON
19500 EDGECLIFF DR.
LOCATION
EUCLED, OH 44119

SCALE: 1"=10'
DATE: 3-18-19
DRAWN BY: R.A.S.
CHECKED BY: J.S.

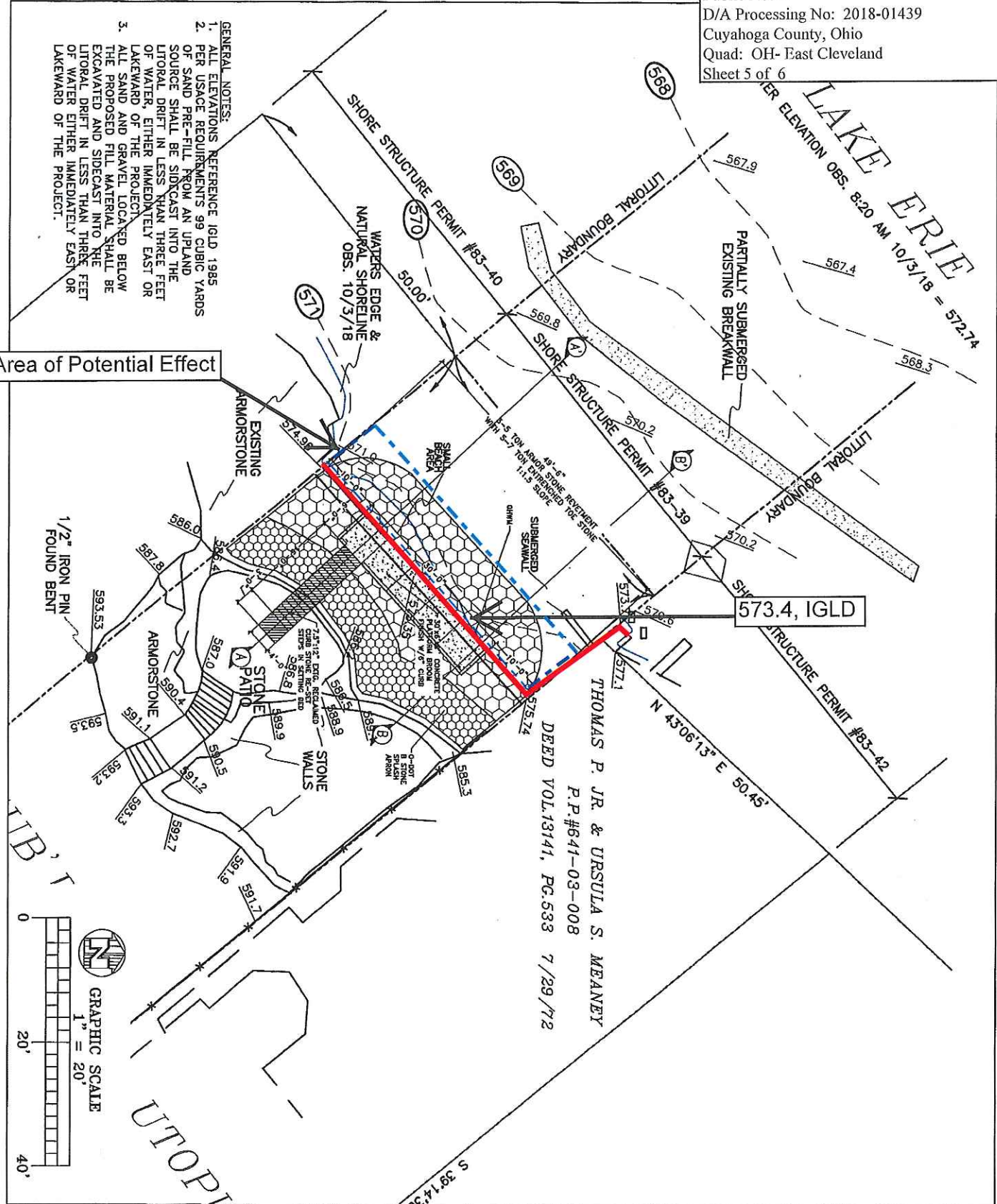
REVISIONS:
8-28-18 11-13-18 1-21-19
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11-12-18 1-17-19

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Carlson, Susan and David
Sewall for Bank Stabilization
Public Notice
D/A Processing No: 2018-01439
Cuyahoga County, Ohio
Quad: OH- East Cleveland
Sheet 5 of 6

1. GENERAL NOTES:
1. ALL ELEVATIONS REFERENCE IGLD 1985
2. PER USAGE REQUIREMENTS 99 CUBIC YARDS OF SAND PRE-FILL FROM AN UPLAND SOURCE SHALL BE SIDECAST INTO THE LITRAL DRIFT IN LESS THAN THREE FEET OF WATER, EITHER IMMEDIATELY EAST OR LAEAWARD OF THE PROJECT.
3. ALL SAND AND GRAVEL LOCATED BELOW THE PROPOSED FILL MATERIAL SHALL BE EXCAVATED AND SIDECAST INTO THE LITRAL DRIFT IN LESS THAN THREE FEET OF WATER EITHER IMMEDIATELY EAST OR LAEAWARD OF THE PROJECT.

Area of Potential Effect



EN-4

ISSUE

ISSN 0013-7944
CODEN JGASDH
0013-7944(200606)34:6;1-12

PROPOSED PLAN

DAVID & SUSAN CARLSON

19500 EDGECLIFF DR.

LOCATION

EUCLED, OH 44119

SCALE:

DATE:

DRAWN

CHECKE

1" = 20'

3-18-1

R.A.S.

J.A.S.

8-28-18 11-13-18

9-4-15 12-28-15

11-1-18 1-11-19
11-6-18 1-15-19

11-12-18 1-17-19

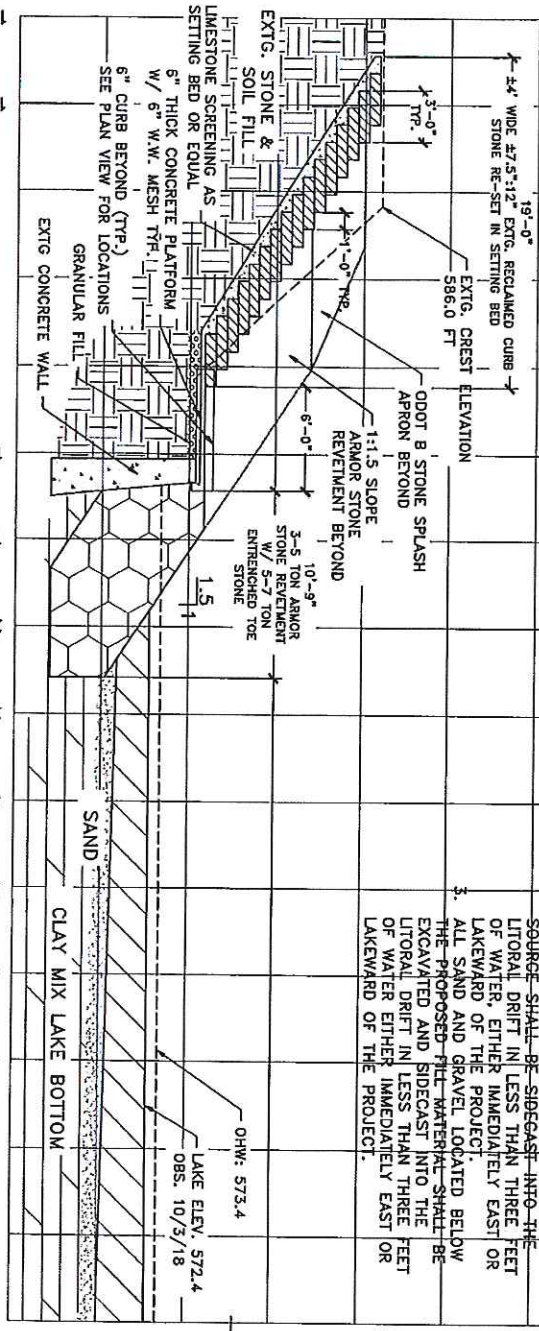


Site Design
Erosion Control

Erosion Control
Ecological • Utility

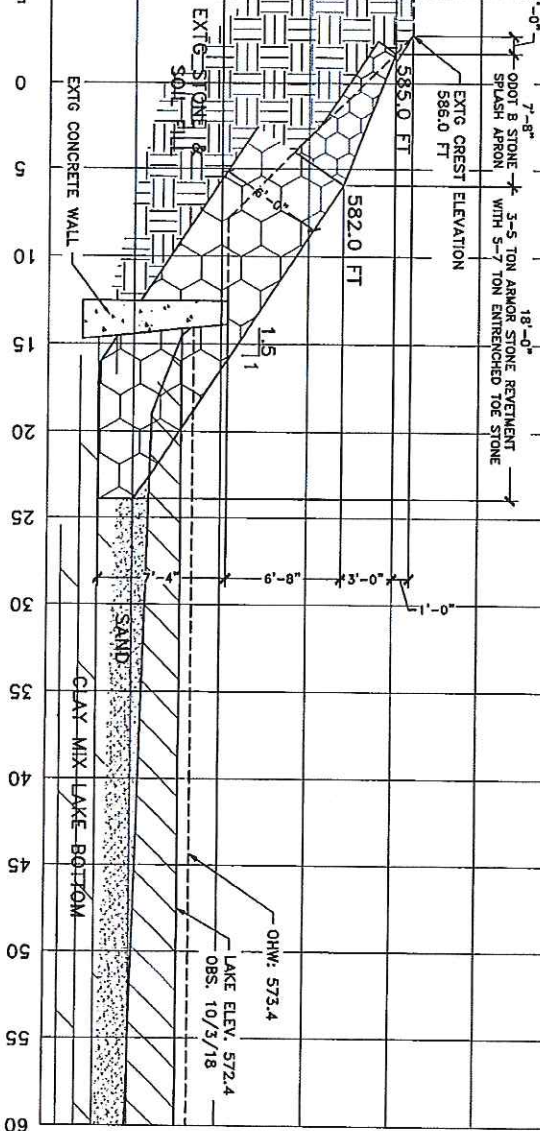
27330 Center Ridge Road

Westlake, Ohio 44145
Phone: (416) 222-2722



- GENERAL NOTES:**
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 3. ALL SAND AND GRAVEL LOCATED BELOW EXCAVATED AND SIDECAST INTO THE LITORAL DRIFT IN LESS THAN THREE FEET OF WATER EITHER IMMEDIATELY EAST OR LAKEWARD OF THE PROJECT.

SECTION A-A'
SCALE: 1"=10'



SECTION B-B'
SCALE: 1"=10'

GRAPHIC SCALE
1" = 10'

Carlson, Susan and David
Sewall for Bank Stabilization
Public Notice
D/A Processing No: 2018-01439
Cuyahoga County, Ohio
Quad: OH- East Cleveland
Sheet 6 of 6

DWG. NO.:
EN-5
ISSUE:
APPL-1

DWG. TITLE:
PROP. SECTIONS

PROJECT:
DAVID & SUSAN CARLSON
19500 EDGECLIFF DR.
LOCATION
EUCLID, OH 44119
SCALE: 1"=10'
DATE: 3-18-19
DRAWN BY: R.A.S.
CHECKED BY: J.A.S.
8-28-18 11-13-18 1-21-19
9-4-18 12-28-18
11-1-18 1-11-19
11-6-18 1-15-19
11-12-18 1-17-19

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